## Section 1. Identification

<table>
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<th>GHS product identifier</th>
<th>DCA Systems HbA1c Controls</th>
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<tbody>
<tr>
<td>Product code</td>
<td>5068A, 03714363, 10311161</td>
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<tr>
<td>Other means of</td>
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<tr>
<td>identification</td>
<td></td>
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<tr>
<td>Reconstitution Fluid</td>
<td>5068-RF</td>
</tr>
<tr>
<td>Hemoglobin A1c Normal Control</td>
<td>8377GR, 129776</td>
</tr>
<tr>
<td>Hemoglobin A1c Abnormal Control</td>
<td>8378GR, 10338206</td>
</tr>
<tr>
<td>Product type</td>
<td>Liquid.</td>
</tr>
</tbody>
</table>

**Relevant identified uses of the substance or mixture and uses advised against**

Not applicable.

**Manufactured/supplied**

Siemens Healthcare Diagnostics Inc.
511 Benedict Avenue
Tarrytown, NY 10591-5097 USA
1-877-229-3711
(800) 424-9300 (CHEMTREC) (24/365)

## Section 2. Hazards identification

**OSHA/HCS status**

- Reconstitution Fluid
  - This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
  - Hemoglobin A1c Normal Control
    - This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
  - Hemoglobin A1c Abnormal Control
    - This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture**

- Reconstitution Fluid
  - Not classified.
- Hemoglobin A1c Normal Control
  - Not classified.
- Hemoglobin A1c Abnormal Control
  - Not classified.

**GHS label elements**

**Signal word**

- Reconstitution Fluid
  - No signal word.
- Hemoglobin A1c Normal Control
  - No signal word.
- Hemoglobin A1c Abnormal Control
  - No signal word.

**Hazard statements**

- Reconstitution Fluid
  - No known significant effects or critical hazards.
- Hemoglobin A1c Normal Control
  - No known significant effects or critical hazards.
- Hemoglobin A1c Abnormal Control
  - No known significant effects or critical hazards.

**Precautionary statements**

**Prevention**

- Reconstitution Fluid
  - Not applicable.
- Hemoglobin A1c Normal Control
  - Not applicable.
- Hemoglobin A1c Abnormal Control
  - Not applicable.

**Response**

- Reconstitution Fluid
  - Not applicable.
- Hemoglobin A1c Normal Control
  - Not applicable.
- Hemoglobin A1c Abnormal Control
  - Not applicable.
Section 2. Hazards identification

### Storage
- **Reconstitution Fluid**: Not applicable.
- **Hemoglobin A1c Normal Control**: Not applicable.
- **Hemoglobin A1c Abnormal Control**: Not applicable.

### Disposal
- **Reconstitution Fluid**: Not applicable.
- **Hemoglobin A1c Normal Control**: Not applicable.
- **Hemoglobin A1c Abnormal Control**: Not applicable.

### Supplemental label elements
- **Reconstitution Fluid**: None known.
- **Hemoglobin A1c Normal Control**: None known.
- **Hemoglobin A1c Abnormal Control**: None known.

### Hazards not otherwise classified
- **Reconstitution Fluid**: None known.
- **Hemoglobin A1c Normal Control**: None known.
- **Hemoglobin A1c Abnormal Control**: None known.

Section 3. Composition/information on ingredients

### Substance/mixture
- **Reconstitution Fluid**: Mixture
- **Hemoglobin A1c Normal Control**: Mixture
- **Hemoglobin A1c Abnormal Control**: Mixture

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

#### Description of necessary first aid measures

- **Eye contact**
  - **Reconstitution Fluid**: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
  - **Hemoglobin A1c Normal Control**: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
  - **Hemoglobin A1c Abnormal Control**: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

- **Inhalation**
  - **Reconstitution Fluid**: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
  - **Hemoglobin A1c Normal Control**: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
  - **Hemoglobin A1c Abnormal Control**: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

- **Skin contact**
  - **Reconstitution Fluid**: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
  - **Hemoglobin A1c Normal Control**: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
  - **Hemoglobin A1c Abnormal Control**: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
Section 4. First aid measures

**Ingestion**

<table>
<thead>
<tr>
<th>Material</th>
<th>First Aid Measures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reconstitution Fluid</td>
<td>Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.</td>
</tr>
<tr>
<td>Hemoglobin A1c Normal Control</td>
<td>Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.</td>
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<td>Hemoglobin A1c Abnormal Control</td>
<td>Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.</td>
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</table>

**Most important symptoms/effects, acute and delayed**

### Potential acute health effects

**Eye contact**

- Reconstitution Fluid: No known significant effects or critical hazards.
- Hemoglobin A1c Normal Control: No known significant effects or critical hazards.
- Hemoglobin A1c Abnormal Control: No known significant effects or critical hazards.

**Inhalation**

- Reconstitution Fluid: No specific data.
- Hemoglobin A1c Normal Control: No specific data.
- Hemoglobin A1c Abnormal Control: No specific data.

**Skin contact**

- Reconstitution Fluid: No specific data.
- Hemoglobin A1c Normal Control: No specific data.
- Hemoglobin A1c Abnormal Control: No specific data.

**Ingestion**

- Reconstitution Fluid: No specific data.
- Hemoglobin A1c Normal Control: No specific data.
- Hemoglobin A1c Abnormal Control: No specific data.

**Over-exposure signs/symptoms**

- **Eye contact**
  - Reconstitution Fluid: No specific data.
  - Hemoglobin A1c Normal Control: No specific data.
  - Hemoglobin A1c Abnormal Control: No specific data.

- **Inhalation**
  - Reconstitution Fluid: No specific data.
  - Hemoglobin A1c Normal Control: No specific data.
  - Hemoglobin A1c Abnormal Control: No specific data.
Section 4. First aid measures

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<th>Skin contact</th>
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<td>Hemoglobin A1c Abnormal Control</td>
<td>Hemoglobin A1c Abnormal Control</td>
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<tr>
<td>No specific data.</td>
<td>No specific data.</td>
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Protection of first-aiders:
No action shall be taken involving any personal risk or without suitable training.

Notes to physician:
Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments:
No specific treatment.

Section 5. Fire-fighting measures

Extinguishing media:
Suitable extinguishing media: In case of fire, use water spray (fog), foam or dry chemical.

Unsuitable extinguishing media: None known.

Specific hazards arising from the chemical:
In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal decomposition products:
No specific data.

Special protective actions for fire-fighters:
Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters:
Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:
For non-emergency personnel:
No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

For emergency responders:
If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions:
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up:
Small spill:
Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Section 6. Accidental release measures

Large spill

Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

Protective measures
Put on appropriate personal protective equipment (see Section 8).

Advice on general occupational hygiene
Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities
Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits
None.

Appropriate engineering controls
Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Environmental exposure controls
Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures
Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection
Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection

Hand protection
Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection
Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection
Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
**Section 8. Exposure controls/personal protection**

**Respiratory protection**: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**Section 9. Physical and chemical properties**

**Physical state**
- Reconstitution Fluid: Liquid.
- Hemoglobin A1c Abnormal Control: Solid.

**Color**
- Reconstitution Fluid: Colorless.
- Hemoglobin A1c Normal Control: Reddish-brown.
- Hemoglobin A1c Abnormal Control: Reddish-brown.

**Odor**
- Reconstitution Fluid: Odorless.
- Hemoglobin A1c Abnormal Control: Bland.

**pH**
- Reconstitution Fluid: Not applicable.
- Hemoglobin A1c Normal Control: Not applicable.
- Hemoglobin A1c Abnormal Control: Not applicable.

**Flash point**
- Reconstitution Fluid: Not available.
- Hemoglobin A1c Normal Control: Not available.
- Hemoglobin A1c Abnormal Control: Not available.

**Flammability (solid, gas)**
- Reconstitution Fluid: Not available.
- Hemoglobin A1c Normal Control: Not available.
- Hemoglobin A1c Abnormal Control: Not available.

**Relative density**
- Reconstitution Fluid: 1.
- Hemoglobin A1c Normal Control: Not available.
- Hemoglobin A1c Abnormal Control: Not available.

**Solubility in water**
- Reconstitution Fluid: Not available.
- Hemoglobin A1c Normal Control: Not available.
- Hemoglobin A1c Abnormal Control: Not available.

**Partition coefficient: n-octanol/water**
- Reconstitution Fluid: Not available.
- Hemoglobin A1c Normal Control: Not available.
- Hemoglobin A1c Abnormal Control: Not available.

**Auto-ignition temperature**
- Reconstitution Fluid: Not available.
- Hemoglobin A1c Normal Control: Not available.
- Hemoglobin A1c Abnormal Control: Not available.

**Viscosity**
- Reconstitution Fluid: Not available.
- Hemoglobin A1c Normal Control: Not available.
- Hemoglobin A1c Abnormal Control: Not available.

**Section 10. Stability and reactivity**

**Reactivity**
- Reconstitution Fluid: No specific test data related to reactivity available for this product or its ingredients.
- Hemoglobin A1c Normal Control: No specific test data related to reactivity available for this product or its ingredients.
- Hemoglobin A1c Abnormal Control: No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability**
- Reconstitution Fluid: The product is stable.
- Hemoglobin A1c Normal Control: The product is stable.
- Hemoglobin A1c Abnormal Control: The product is stable.

**Possibility of hazardous reactions**
- Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid**
- No specific data.

**Incompatible materials**
- No specific data.
Section 10. Stability and reactivity

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity
Not available.

Conclusion/Summary:

Irritation/Corrosion
Not available.

Conclusion/Summary:

Skin:

Eyes:

Respiratory:

Sensitization
Not available.

Conclusion/Summary:

Skin:

Respiratory:

Mutagenicity
Not available.

Conclusion/Summary:

Carcinogenicity
Not available.

Conclusion/Summary:

Reproductive toxicity
Not available.

Conclusion/Summary:

Teratogenicity
Not available.

Conclusion/Summary:

Specific target organ toxicity (single exposure)
Not available.

Specific target organ toxicity (repeated exposure)
Not available.

Aspiration hazard
Not available.

Information on the likely routes of exposure: Not available.

Potential acute health effects

Eye contact
Reconstitution Fluid: No known significant effects or critical hazards.
Hemoglobin A1c Normal Control: No known significant effects or critical hazards.
Hemoglobin A1c Abnormal Control: No known significant effects or critical hazards.
## Section 11. Toxicological information

<table>
<thead>
<tr>
<th>Exposure</th>
<th>Item</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>Inhalation</td>
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</table>

### Symptoms related to the physical, chemical and toxicological characteristics

<table>
<thead>
<tr>
<th>Exposure</th>
<th>Item</th>
<th>Remarks</th>
</tr>
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<tbody>
<tr>
<td>Eye contact</td>
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</table>

### Potential chronic health effects

Not available.

**Conclusion/Summary:**

- **General:** No known significant effects or critical hazards.
- **Carcinogenicity:** No known significant effects or critical hazards.
- **Mutagenicity:** No known significant effects or critical hazards.
- **Teratogenicity:** No known significant effects or critical hazards.
- **Developmental effects:** No known significant effects or critical hazards.
- **Fertility effects:** No known significant effects or critical hazards.

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Date of issue/Date of revision: 7/27/2015.
Date of previous issue: 7/23/2015.
Version: 1.04
Section 11. Toxicological information

Numerical measures of toxicity
Acute toxicity estimates
Not available.

Section 12. Ecological information

Toxicity
Not available.

Persistence and degradability
Conclusion/Summary

Bioaccumulative potential
Not available.

Mobility in soil

Soil/water partition coefficient ($K_{OC}$)

Mobility

Other adverse effects
No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods
The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Sodium azide may react with lead or copper plumbing to form highly explosive metal azides.

Section 14. Transport information

DOT Classification

<table>
<thead>
<tr>
<th>UN number</th>
<th>Reconstitution Fluid</th>
<th>Hemoglobin A1c Normal Control</th>
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### Section 14. Transport information

<table>
<thead>
<tr>
<th>Packing group</th>
<th>Reconstitution Fluid</th>
<th>Hemoglobin A1c Normal Control</th>
<th>Hemoglobin A1c Abnormal Control</th>
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<tr>
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<td>Reconstitution Fluid</td>
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<td><strong>Transport hazard class(es)</strong></td>
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### TDG Classification

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### Section 14. Transport information

#### ADR/RID

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<tr>
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<td><strong>Hemoglobin A1c Normal Control</strong></td>
<td>No.</td>
</tr>
<tr>
<td></td>
<td><strong>Hemoglobin A1c Abnormal Control</strong></td>
<td>No.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Additional information</strong></th>
<th><strong>Reconstitution Fluid</strong></th>
<th>-</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Hemoglobin A1c Normal Control</strong></td>
<td>-</td>
</tr>
<tr>
<td></td>
<td><strong>Hemoglobin A1c Abnormal Control</strong></td>
<td>-</td>
</tr>
</tbody>
</table>

#### IMDG

<table>
<thead>
<tr>
<th><strong>UN number</strong></th>
<th><strong>Reconstitution Fluid</strong></th>
<th><strong>Not regulated.</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Hemoglobin A1c Normal Control</strong></td>
<td><strong>Not regulated.</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Hemoglobin A1c Abnormal Control</strong></td>
<td><strong>Not regulated.</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>UN proper shipping name</strong></th>
<th><strong>Reconstitution Fluid</strong></th>
<th>-</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Hemoglobin A1c Normal Control</strong></td>
<td>-</td>
</tr>
<tr>
<td></td>
<td><strong>Hemoglobin A1c Abnormal Control</strong></td>
<td>-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Transport hazard class(es)</strong></th>
<th><strong>Reconstitution Fluid</strong></th>
<th>-</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Hemoglobin A1c Normal Control</strong></td>
<td>-</td>
</tr>
<tr>
<td></td>
<td><strong>Hemoglobin A1c Abnormal Control</strong></td>
<td>-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Packing group</strong></th>
<th><strong>Reconstitution Fluid</strong></th>
<th>-</th>
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</thead>
<tbody>
<tr>
<td></td>
<td><strong>Hemoglobin A1c Normal Control</strong></td>
<td>-</td>
</tr>
<tr>
<td></td>
<td><strong>Hemoglobin A1c Abnormal Control</strong></td>
<td>-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Environmental hazards</strong></th>
<th><strong>Reconstitution Fluid</strong></th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Hemoglobin A1c Normal Control</strong></td>
<td>No.</td>
</tr>
<tr>
<td></td>
<td><strong>Hemoglobin A1c Abnormal Control</strong></td>
<td>No.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Additional information</strong></th>
<th><strong>Reconstitution Fluid</strong></th>
<th>-</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Hemoglobin A1c Normal Control</strong></td>
<td>-</td>
</tr>
<tr>
<td></td>
<td><strong>Hemoglobin A1c Abnormal Control</strong></td>
<td>-</td>
</tr>
</tbody>
</table>

#### IATA

<table>
<thead>
<tr>
<th><strong>UN number</strong></th>
<th><strong>Reconstitution Fluid</strong></th>
<th><strong>Not regulated.</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Hemoglobin A1c Normal Control</strong></td>
<td><strong>Not regulated.</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Hemoglobin A1c Abnormal Control</strong></td>
<td><strong>Not regulated.</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>UN proper shipping name</strong></th>
<th><strong>Reconstitution Fluid</strong></th>
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</tr>
</thead>
<tbody>
<tr>
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<td><strong>Hemoglobin A1c Normal Control</strong></td>
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<tr>
<td></td>
<td><strong>Hemoglobin A1c Abnormal Control</strong></td>
<td>-</td>
</tr>
</tbody>
</table>
Section 14. Transport information

<table>
<thead>
<tr>
<th>Transport hazard class(es)</th>
<th>Reconstitution Fluid</th>
<th>Hemoglobin A1c Normal Control</th>
<th>Hemoglobin A1c Abnormal Control</th>
</tr>
</thead>
<tbody>
<tr>
<td>Packing group</td>
<td>Reconstitution Fluid</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Environment hazards</td>
<td>Reconstitution Fluid</td>
<td>No.</td>
<td>No.</td>
</tr>
<tr>
<td>Additional information</td>
<td>Reconstitution Fluid</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Special precautions for user:
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not available.

Section 15. Regulatory information

U.S. Federal regulations:
- TSCA 8(a) CDR Exempt/Partial exemption: Not determined
- Commerce control list precursor: potassium cyanide
- United States inventory (TSCA 8b): Not determined
- Clean Water Act (CWA) 307: potassium cyanide
- Clean Water Act (CWA) 311: potassium cyanide
  
Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs):
- Not listed

Clean Air Act Section 602 Class I Substances:
- Not listed

Clean Air Act Section 602 Class II Substances:
- Not listed

DEA List I Chemicals (Precursor Chemicals):
- Not listed

DEA List II Chemicals (Essential Chemicals):
- Not listed

SARA 302/304

Composition/information on ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>%</th>
<th>EHS</th>
<th>SARA 302 TPQ (lbs)</th>
<th>(gallons)</th>
<th>SARA 304 RQ (lbs)</th>
<th>(gallons)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reconstitution Fluid sodium azide</td>
<td>0.09</td>
<td>Yes.</td>
<td>500</td>
<td>1000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hemoglobin A1c Normal Control potassium cyanide</td>
<td>&lt;0.005</td>
<td>Yes.</td>
<td>100</td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hemoglobin A1c Abnormal Control potassium cyanide</td>
<td>&lt;0.005</td>
<td>Yes.</td>
<td>100</td>
<td>10</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SARA 304 RQ: 333333.3 lbs / 151333.3 kg

Section 15. Regulatory information

Classification: Not applicable.

Composition/information on ingredients
No products were found.

State regulations
Massachusetts: None of the components are listed.
New York: None of the components are listed.
New Jersey: None of the components are listed.
Pennsylvania: None of the components are listed.

California Prop. 65

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>Cancer</th>
<th>Reproductive</th>
<th>No significant risk level</th>
<th>Maximum acceptable dosage level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hemoglobin A1c Normal Control</td>
<td>No.</td>
<td>No.</td>
<td>No.</td>
<td>25 µg/day (ingestion)</td>
</tr>
<tr>
<td>potassium cyanide</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hemoglobin A1c Abnormal Control</td>
<td>No.</td>
<td>No.</td>
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<tr>
<td>potassium cyanide</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Canada inventory

International regulations

International lists
Australia inventory (AICS): Not determined.
China inventory (IECSC): Not determined.
Japan inventory: Not determined.
Korea inventory: Not determined.
Malaysia Inventory (EHS Register): Not determined.
New Zealand Inventory of Chemicals (NZIoC): Not determined.
Philippines inventory (PICCS): Not determined.
Taiwan inventory (CSNN): Not determined.

Chemical Weapons Convention List Schedule I Chemicals

Chemical Weapons Convention List Schedule II Chemicals

Chemical Weapons Convention List Schedule III Chemicals

Section 16. Other information

History
Date of issue/Date of revision: 7/27/2015.
Version: 1.04

Key to abbreviations
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
UN = United Nations

Indicates information that has changed from previously issued version.

Date of issue/Date of revision: 7/27/2015.
Date of previous issue: 7/23/2015.
Version: 1.04
Notice to reader

Allergen : Not available.